

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031021\
 Data File : VV020492.D
 Acq On : 10 Mar 2021 11:50
 Operator : SY/MD
 Sample : M1617-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG0N5

Quant Time: Mar 11 00:50:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVTR022221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Mar 11 00:49:40 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

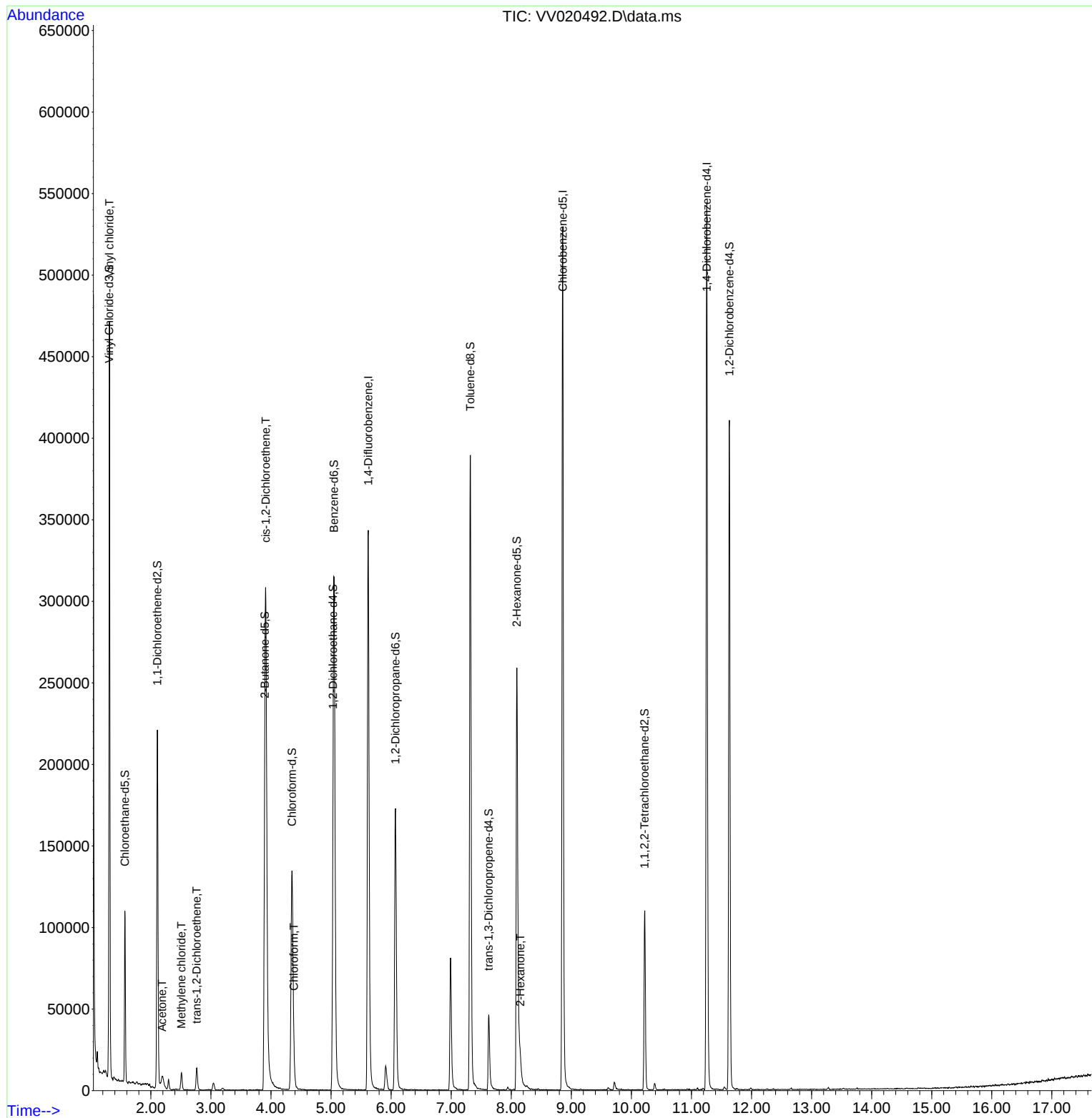
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	321622	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	313400	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.255	152	152591	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	85644	3.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.60%
7) Chloroethane-d5	1.568	69	68307	3.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.80%
11) 1,1-Dichloroethene-d2	2.108	63	110829	2.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.20%#
20) 2-Butanone-d5	3.896	46	129107	32.91	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	65.82%
24) Chloroform-d	4.349	84	147878	3.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.00%
26) 1,2-Dichloroethane-d4	5.034	65	70232	3.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.40%
32) Benzene-d6	5.050	84	303430	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.40%
36) 1,2-Dichloropropane-d6	6.072	67	88567	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.20%
41) Toluene-d8	7.317	98	275459	3.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.80%
45) trans-1,3-Dichloroprop...	7.625	79	29973	3.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.60%
48) 2-Hexanone-d5	8.091	63	90009	28.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	57.82%
59) 1,1,2,2-Tetrachloroeth...	10.220	84	51711	3.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	62.60%#
65) 1,2-Dichlorobenzene-d4	11.632	152	115563	4.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.40%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	207529	5.50	ug/L	99
13) Acetone	2.188	43	13226	3.72	ug/L #	24
16) Methylene chloride	2.510	84	4774	0.16	ug/L	90
18) trans-1,2-Dichloroethene	2.764	96	5358	0.19	ug/L	87
22) cis-1,2-Dichloroethene	3.912	96	162164	5.44	ug/L	89
25) Chloroform	4.381	83	5966	0.11	ug/L	95
50) 2-Hexanone	8.149	43	9977	1.06	ug/L #	95

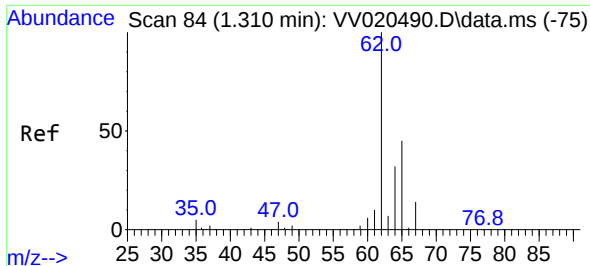
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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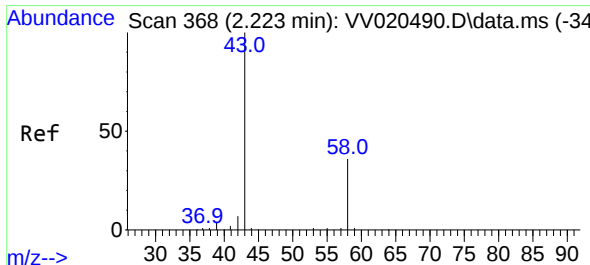
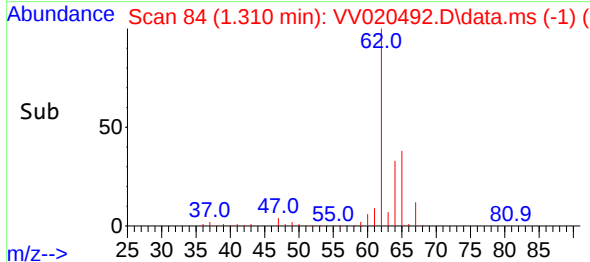
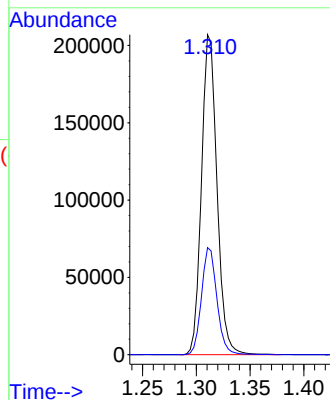
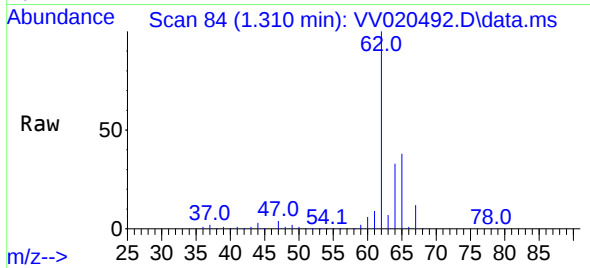




#5
 Vinyl chloride
 Concen: 5.50 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV020492.D
 Acq: 10 Mar 2021 11:50

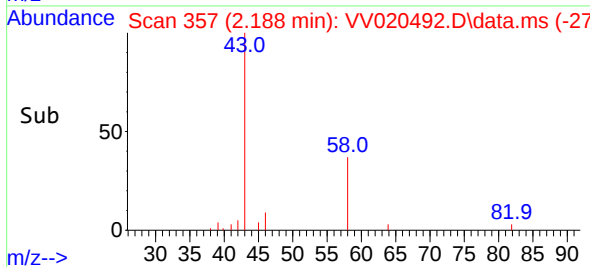
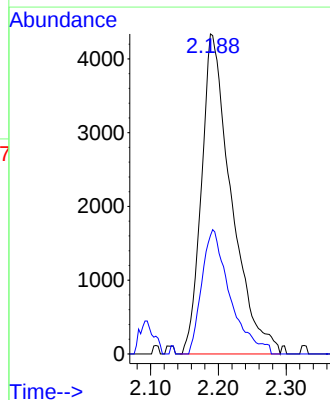
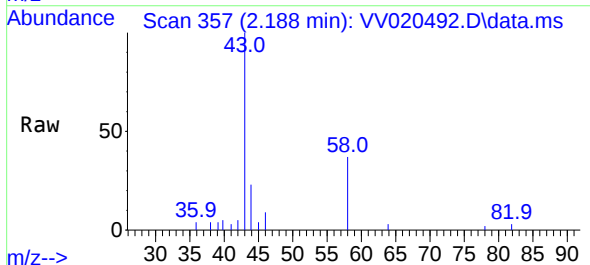
Instrument :
 MSVOA_V
 ClientSampleId :
 BG0N5

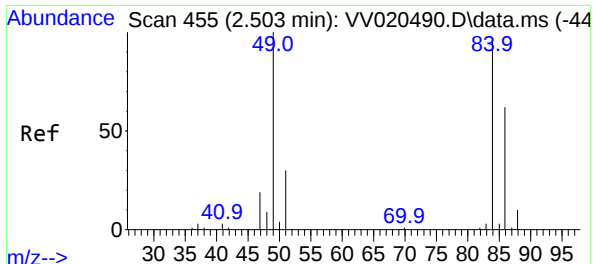
Tgt Ion: 62 Resp: 207529
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.0 42.8



#13
 Acetone
 Concen: 3.72 ug/L
 RT: 2.188 min Scan# 357
 Delta R.T. -0.035 min
 Lab File: VV020492.D
 Acq: 10 Mar 2021 11:50

Tgt Ion: 43 Resp: 13226
 Ion Ratio Lower Upper
 43 100
 58 36.8 0.0 18.6#

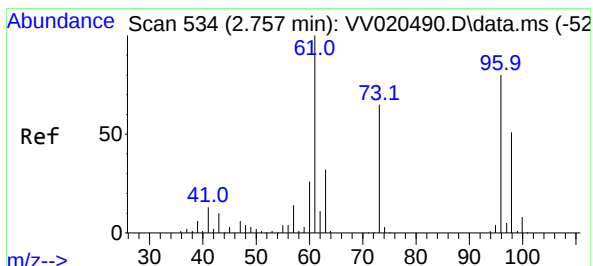
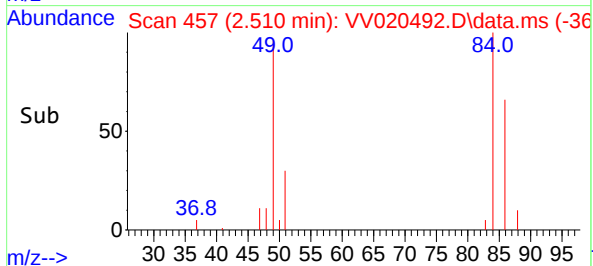
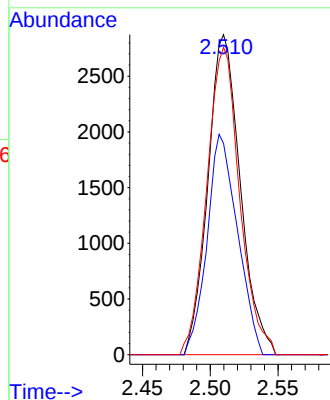
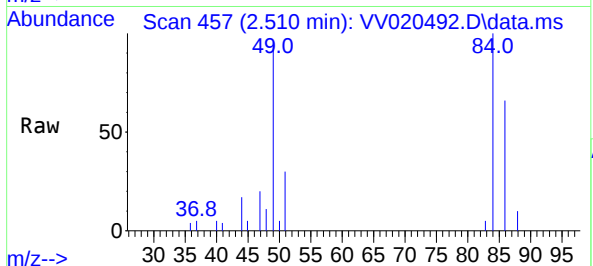




#16
Methylene chloride
Concen: 0.16 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.007 min
Lab File: VV020492.D
Acq: 10 Mar 2021 11:50

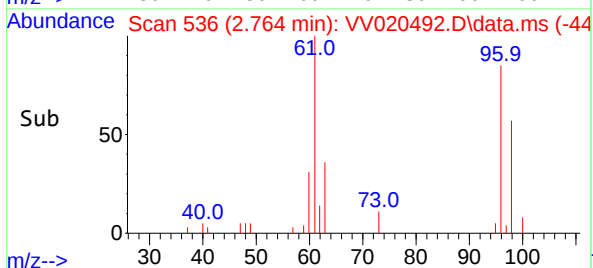
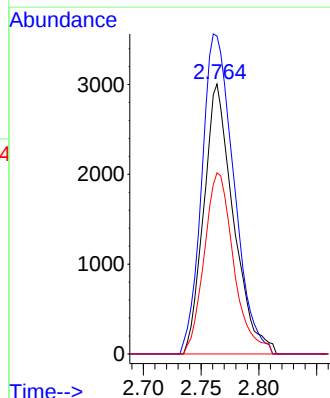
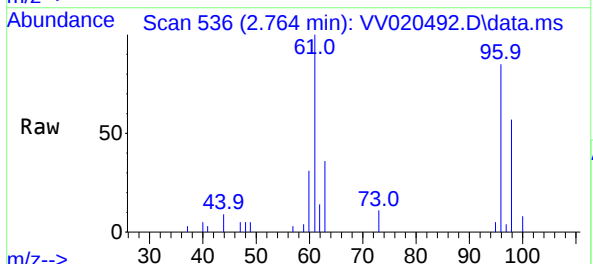
Instrument :
MSVOA_V
ClientSampleId :
BG0N5

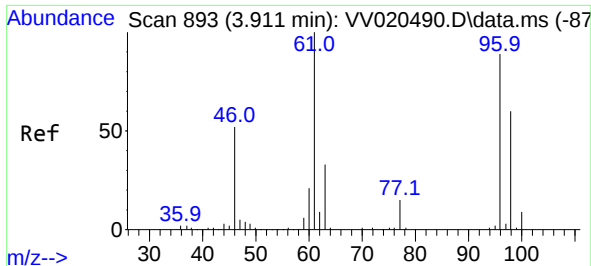
Tgt Ion: 84 Resp: 4774
Ion Ratio Lower Upper
84 100
86 66.0 46.5 86.3
49 96.0 79.2 147.2



#18
trans-1,2-Dichloroethene
Concen: 0.19 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.007 min
Lab File: VV020492.D
Acq: 10 Mar 2021 11:50

Tgt Ion: 96 Resp: 5358
Ion Ratio Lower Upper
96 100
61 117.8 96.0 178.4
98 67.1 43.5 80.9

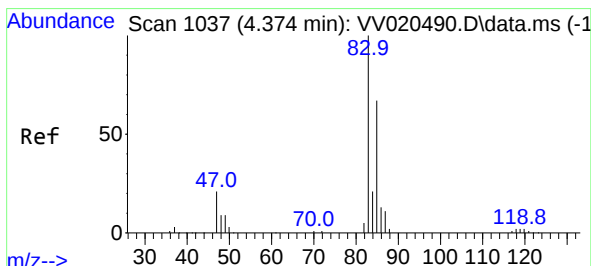
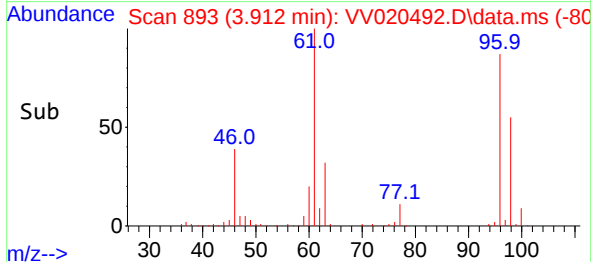
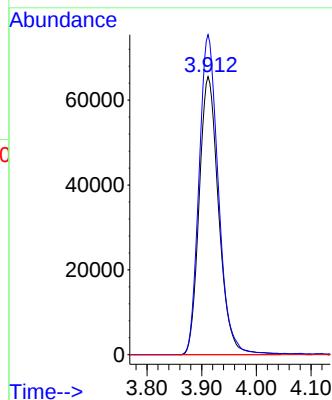
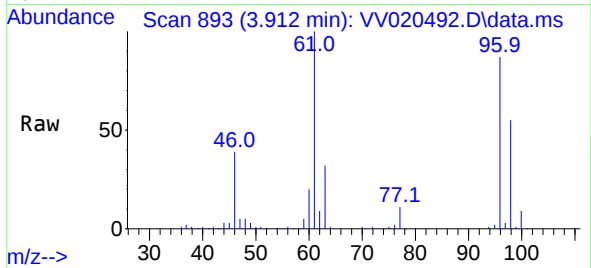




#22
cis-1,2-Dichloroethene
Concen: 5.44 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.000 min
Lab File: VV020492.D
Acq: 10 Mar 2021 11:50

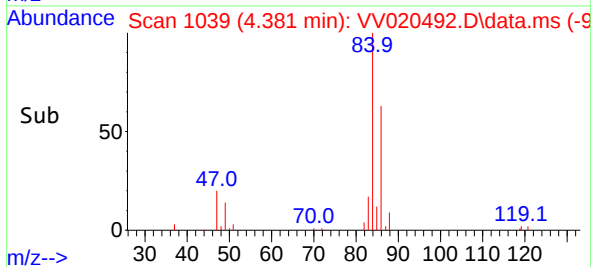
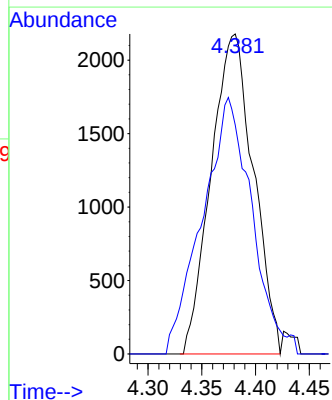
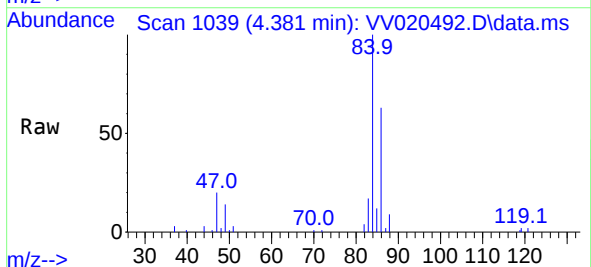
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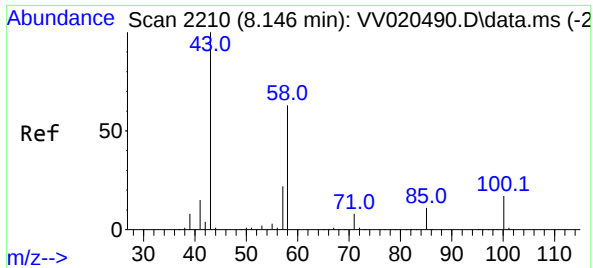
Tgt Ion: 96 Resp: 162164
Ion Ratio Lower Upper
96 100
61 115.1 89.6 166.4
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.11 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.007 min
Lab File: VV020492.D
Acq: 10 Mar 2021 11:50

Tgt Ion: 83 Resp: 5966
Ion Ratio Lower Upper
83 100
85 71.6 47.3 87.9





#50
2-Hexanone
Concen: 1.06 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.003 min
Lab File: VV020492.D
Acq: 10 Mar 2021 11:50

Instrument :
MSVOA_V
ClientSampleId :
BG0N5

Tgt Ion: 43 Resp: 9977

Ion	Ratio	Lower	Upper
43	100		
58	55.5	41.6	62.4
57	23.2	15.4	23.0#
100	13.5	11.2	16.8

